

Work Order ID 69481

Wednesday, May 11, 2011 12:54:14 PM



Page 1

Item ID: D350-607-541

Accept



Setup Start



Revision ID:

Stop



Item Name: Heli-Utility-Basket

Start Date: 5/11/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/25/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

[Signature]

Date: 11-05-11

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D350-607-3	A								

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-607-541 CHG002

8 uloblog

11-6-7

110

0.00



Pick Kit

Memo

0.00

Packaging

Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label, apply label

11/6/8

115

0.00



QC5- Inspect part completeness to step on W/O

Memo

0.00

Quality Control

Inspect label on lid

8 uloblog

80

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 69481

Wednesday, May 11, 2011 12:54:14 PM

Page 2

Item ID: D350-607-541

Accept

Revision ID:

Item Name: Heli-Utility-Basket

Start Date: 5/11/2011 Start Qty: 1.00

Required Date: 5/25/2011 Req'd Qty: 1.00

Reference:

Cust Item ID:

Customer:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

5/16/09

130

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

Package as per PPPD350-607-541

ReoA

11/6/09

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/6/09

ME

11-06-09

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, May 11, 2011 12:54:19 PM

Page 1

Work Order ID: 69481

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket






Start Date: 5/11/2011

Required Date: 5/25/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B
11.02.09 add to install label DD verf by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status												
D350-607-511  Quick Release Basket Mounting Installation		Manufactured	No			110	Each	0.0000	1	1															
D2690-6  Lanyard Assembly		Manufactured	No			110	Each	21.0000	1	1															
<table><tr><td><u>Location</u></td><td><u>Loc Qty</u></td><td><u>Loc Code</u></td></tr><tr><td>ST020</td><td>21</td><td></td></tr><tr><td>66509</td><td>1</td><td></td></tr><tr><td>66873</td><td>20</td><td></td></tr></table>														<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>	ST020	21		66509	1		66873	20	
<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>																							
ST020	21																								
66509	1																								
66873	20																								
D3912-041  Eyebolt Receiver Assembly		Manufactured	No			110	Each	1.0000	1	1															
<table><tr><td><u>Location</u></td><td><u>Loc Qty</u></td><td><u>Loc Code</u></td></tr><tr><td>st507</td><td>1</td><td></td></tr><tr><td>68382</td><td>1</td><td></td></tr></table>														<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>	st507	1		68382	1				
<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>																							
st507	1																								
68382	1																								
D4030-041  Long Basket Assembly (350)		Manufactured	No			110	Each	0.0000	1	1															
D4085-3  Placard, Instructions		Manufactured	No			110	Each	6.0000	1	1															

B70084 SP

SP

B69688 SP

B69487 SP

11/6/8 SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, May 11, 2011 12:54:19 PM

Page 2

Work Order ID: 69481

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 5/11/2011

Required Date: 5/25/2011

Start Qty: 1.00

Required Qty: 1.00

D4086-200	Manufactured	No	110	Each	5.0000	1	
Placard, Max Load							

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST122	5	
66276	5	

D4151-041	Manufactured	No	110	Each	6.0000	1	
Basket Fwd Hardpoint Assembly, Lower							

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST134	6	
68460	4	
68575	2	

D4151-043	Manufactured	No	110	Each	4.0000	1	
Basket Fwd Hardpoint Assembly, Upper							

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST134	4	
68576	4	

D4150-041	Manufactured	No	110	Each	0.0000	1	
Attachment Arm Assembly							

AN4-13A	Purchased	No	110	Each	251.0000	6	
Bolt							

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST357	251	
117628	251	

Wednesday, May 11, 2011 12:54:20 PM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, May 11, 2011 12:54:20 PM

Work Order ID: 69481

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 5/11/2011

Required Date: 5/25/2011

Start Qty: 1.00

Required Qty: 1.00

AN4C15 Purchased No

110 Each

2.0000

1

1



BOLT



M117764 P

Location

Loc Qty

Loc Code

ST358

2

114669

2

AN310C4 Purchased No

110 Each

59.0000

1



Nut



P

Location

Loc Qty

Loc Code

ST324

59

116741

10

117395

49

MS17984-C413 Purchased No

110 Each

34.0000

1

1



PIN, QUICK RELEASE



P

Location

Loc Qty

Loc Code

ST315

34

114340

2

117343

12

117557

20

MS21042L4 Purchased No

110 Each

4,975.000

6

6



Nut



6 111618 P

Location

Loc Qty

Loc Code

ST300

4975

116823

1175

117441

3000

117601

800

6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, May 11, 2011 12:54:20 PM

Work Order ID: 69481

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 5/11/2011

Required Date: 5/25/2011

Start Qty: 1.00

Required Qty: 1.00

MS24665-151

Purchased

No

110

Each

483.0000

1

1



Cotter Pin

Location

Loc Qty

Loc Code

ST309

483

17566

483

NAS1515H4L

Purchased

No

110

Each

454.0000

2

2



WASHER

Location

Loc Qty

Loc Code

FG

40

103691

40

ST266

20

114265

20

ST277

394

117363

394

NAS1149F0432P

Purchased

No

110

Each

474.0000

12

12



Washer

Location

Loc Qty

Loc Code

ST275

474

117291

474

NAS1149C0463R

Purchased

No

110

Each

97.0000

3

3



Washer

Location

Loc Qty

Loc Code

FP-B

96

115358

96

ST297

1

116900

1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kG	135 in 3.43 m	10895 in-lb 125.5 m-kG
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kG	135 in 3.43 m	8870 in-lb 102.2 m-kG
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kG	135 in 3.43 m	7925 in-lb 89.9 m-kG
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kG	135 in 3.43 m	6440 in-lb 74.1 m-kG
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kG	135 in 3.43 m	972 in-lb 11.3 m-kG

5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				4	4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
6	6	6	6		6	AN4-13A	BOLT
				16	16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

• COPYRIGHT © 2010 BY DART AEROSPACE LTD. •
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: A
Date: 10.06.28

